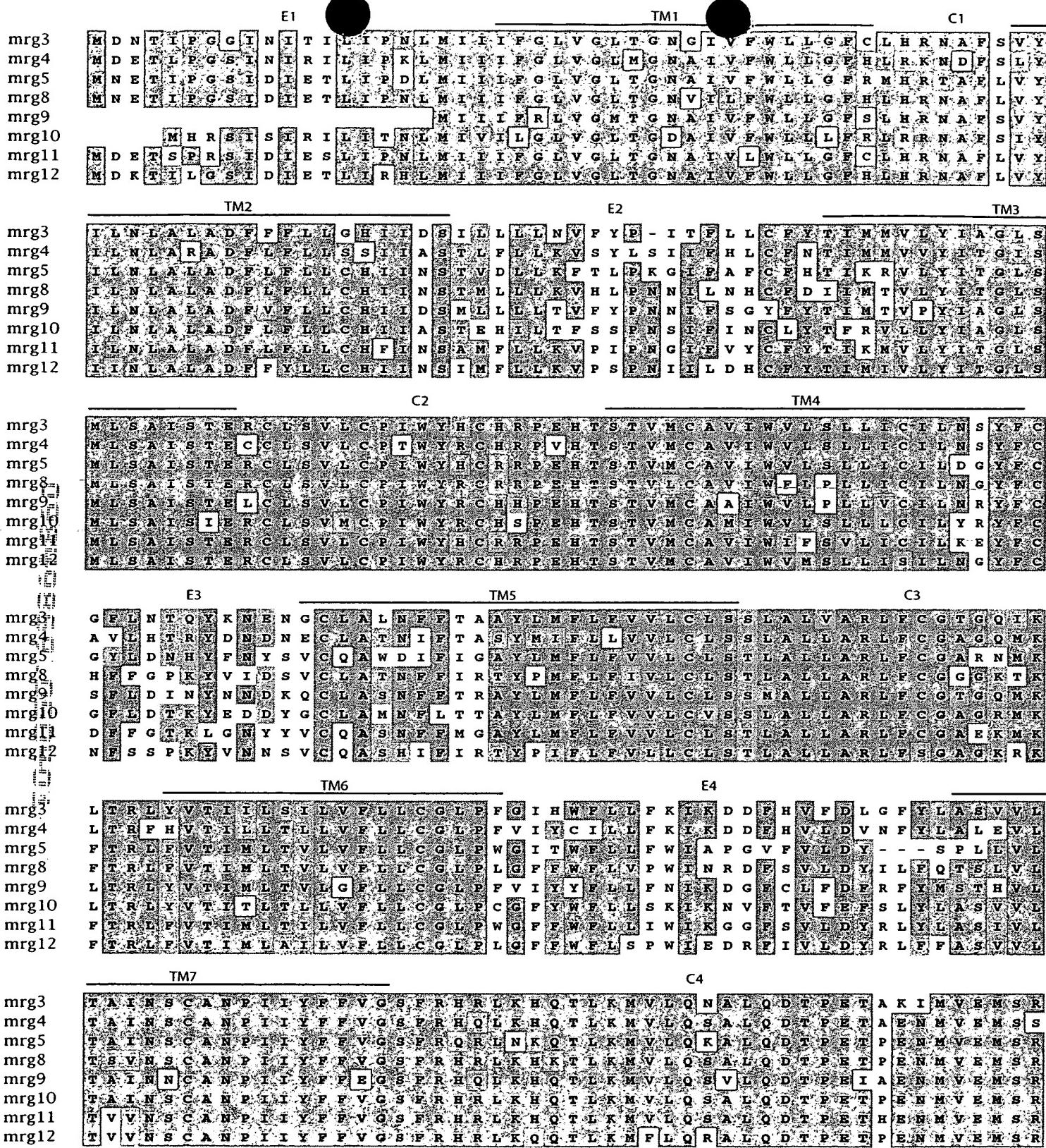


# FIG. 1

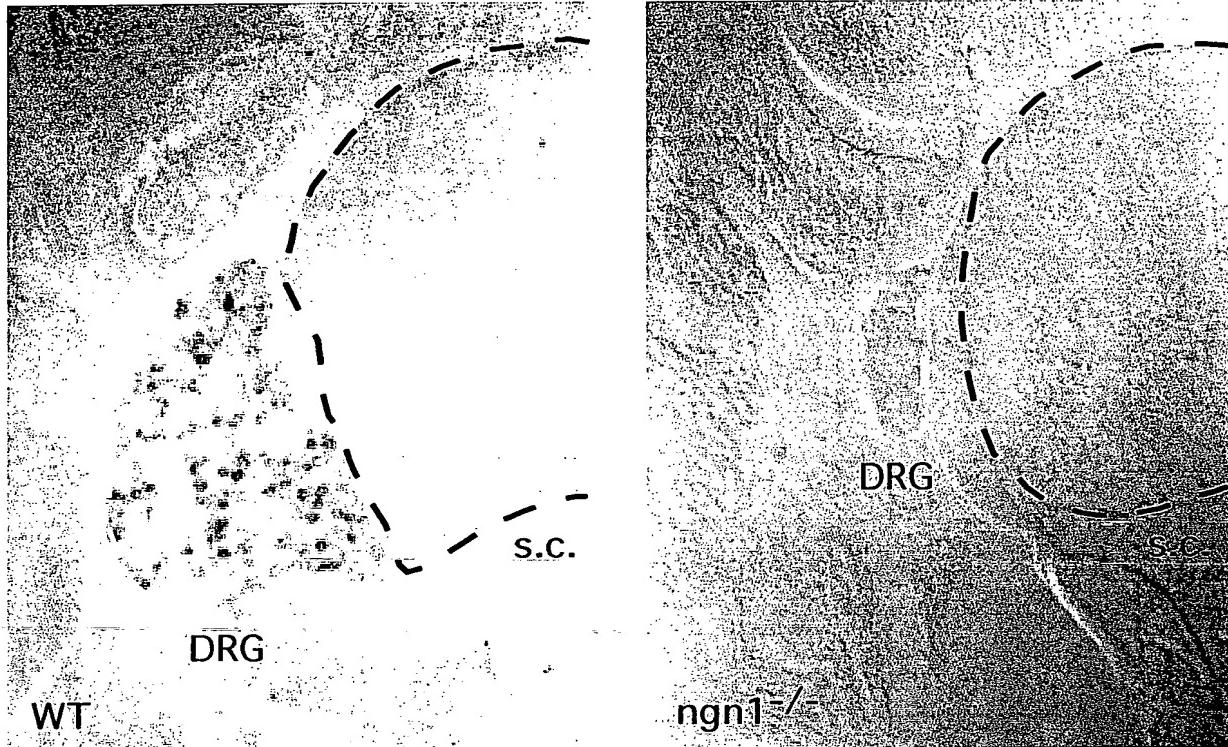
mrg3	LCPIWYHCHRPEHTSTMCAVIWVLSSLICILNSYFCGFLNTQYKNENGCLALNFTAAAYLMFLFVVLCLSSLALVA
mrg4	LCPTWYHCHRPVHTSTMCAAIWVLSSLICILNSYFCGFLNTQYKNENGCLATNIFTASYMIFLFLVVLCLSSLALLA
mrg5	LCPIWYHCRREHTSTMCAVIWVLSSLICILDGYFCGYLDNHYFNYSVCQAWDIFIGAYPMFLFVVLCLSTLALLA
mrg6	LCPIWYHCRREHTSTMCAVIWVLSSLICILNSYFCGFLNTQYKNENGCLALSFTAAAYLMFLFVVLCLSSLALVA
mrg7	LCPTWYHCHRPVHTSTMCAVIWVLSSLICILNSYFCAVLHTRYDNDNECLATNIFTASYMIFLFLVVLCLSSLALLA
mrg8	LCPIWYHCHRPEHTSTMCAVIWVLSSLICILNSYFCAVLHTRYDNDNECLATNIFTASYMIFLFLVVLCLSSLALLA
Human1	LWPIWYRCHRPTHLSAVWCULLWALSLLRSILEWMLCGFLFSGA-DSAWCQTSDFITVAWLIFLCAVWLGCSSLVLLI
Human2	LWPIWYRCCRPRHLSAVWCULLWALSLLSILEGKFCGFLFSDG-DSGWQCQTDFDITAACWLIFLFMVLCGSSLALLV
mrg3	RLFCGTGQIKLTRLYVTIMLSILVFLCGLPFGIHWFLFLFKIKDDFHVFDLGFYLASVVLTAINSCANPIIYFFVG
mrg4	RLFCGAGQMKAYQFHVTTLTLLVFLCGLPIAIYCFLLFKIKGDFHVLDVNLYLALEVLTAINSCANPIIYFFVG
mrg5	RLFCGARNMKFTRLFVTIMLTVLFLCGLPWGITWFLFLFWIAPGVFPVDYSPLL---VLTAINSCANPIIYFFVG
mrg6	RLFCGARNMKFTRLFVTIMLTVLFLCGLPWGITWFLFLFWIAPGVFPVDYSPLL---VLTAINSCANPIIYFFVG
mrg7	RLFCGAGQMKLTRFVTILLTVLFLCGLPWGITWFLFLFWIAPGVFPVYCYCILLFKIKDDFHVLDVNLVLALEVLTAINSCANPIIYFFVG
mrg8	RLFCGAGKKKFTRLFMTIMUTILVFLCGLPLGFLWFLPWEGGFSILDYRFFLWIAVNLTAFLVLTAVNSCANPIIYFFVG
Human1	RILCGSRKIPLTRLYVTILLTVLFLCGLPFGIQFFFLFLWIHVDRFLFCHVHLVSIFLSALNSSANPIIYFFVG
Human2	RILCGSRGGLPLTRLYVTILLTVLFLCGLPFGIQWFFLWIWKDSVLFCIHHPVSVVLSSLNSSANPIIYFFVG



SK S E P  
 N K A E P  
 N K A E P  
 S K A E P  
 N I P K P  
 N K A E L  
 I K A E Q  
 S K A E P

FIG 1A

mrg3



mrg4

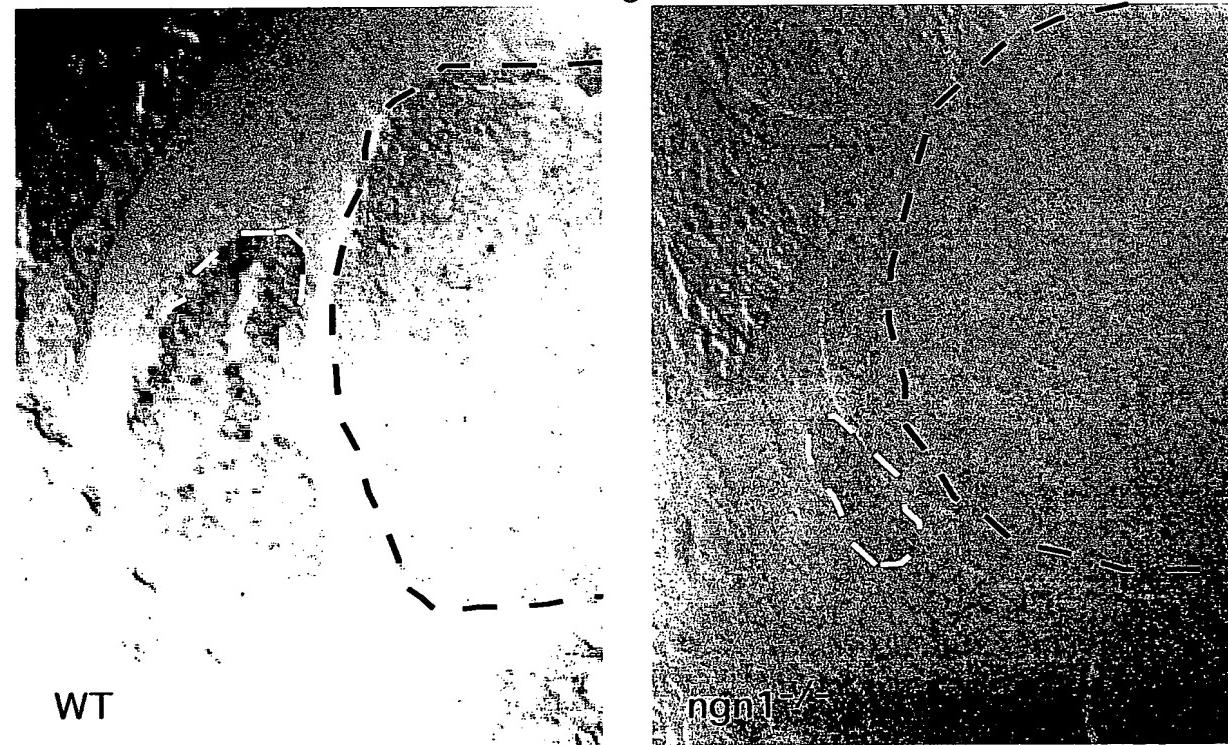


FIG 2

FIG 2A

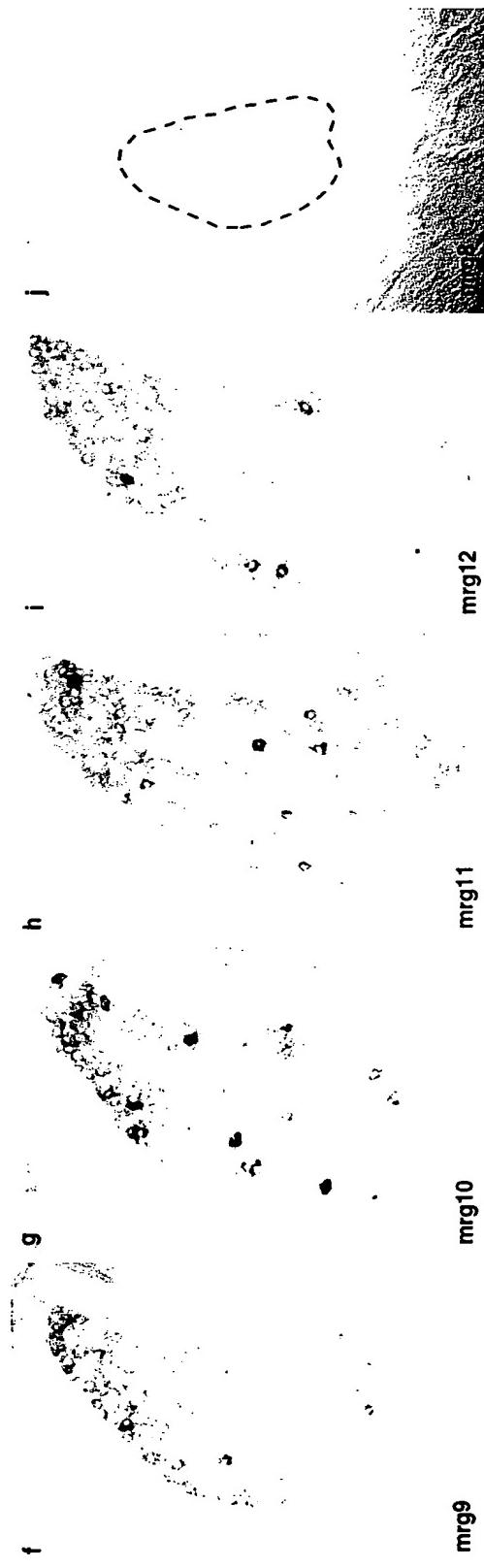
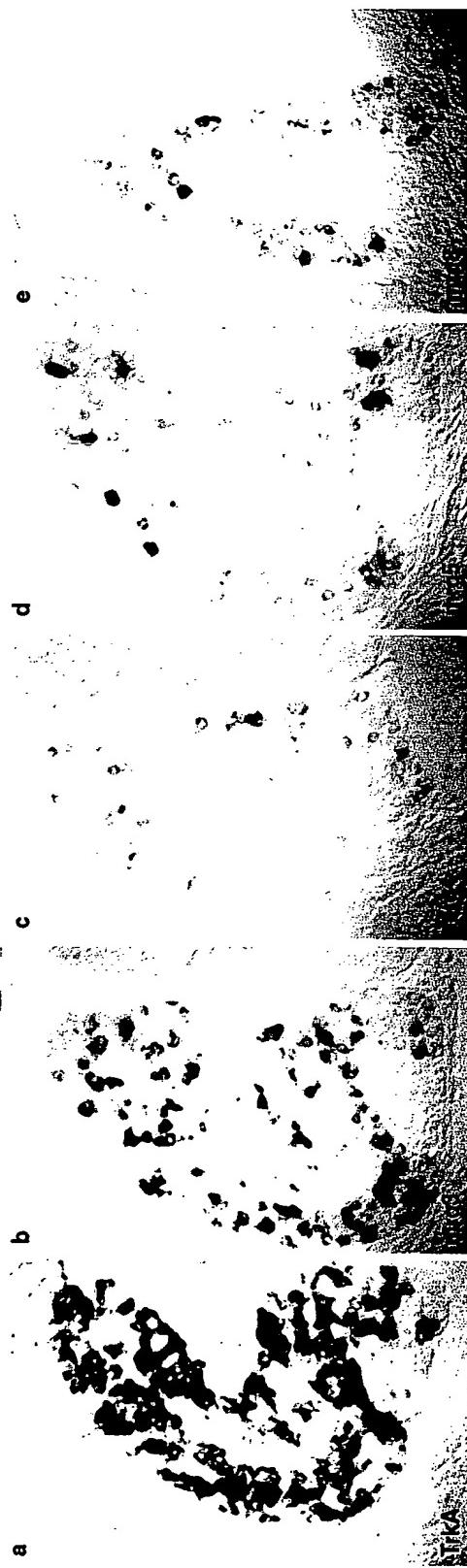


FIG 2B

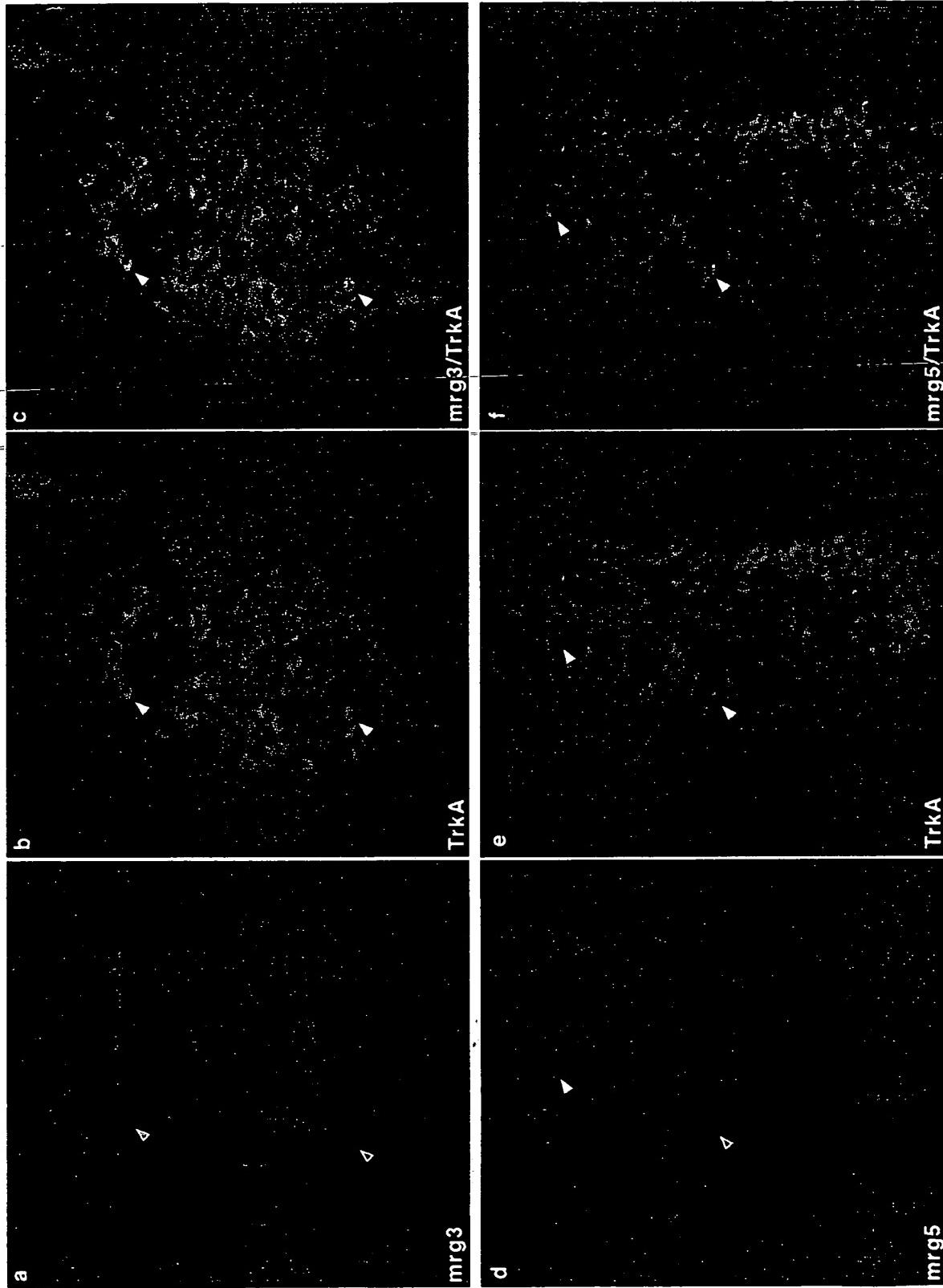


FIG 2C

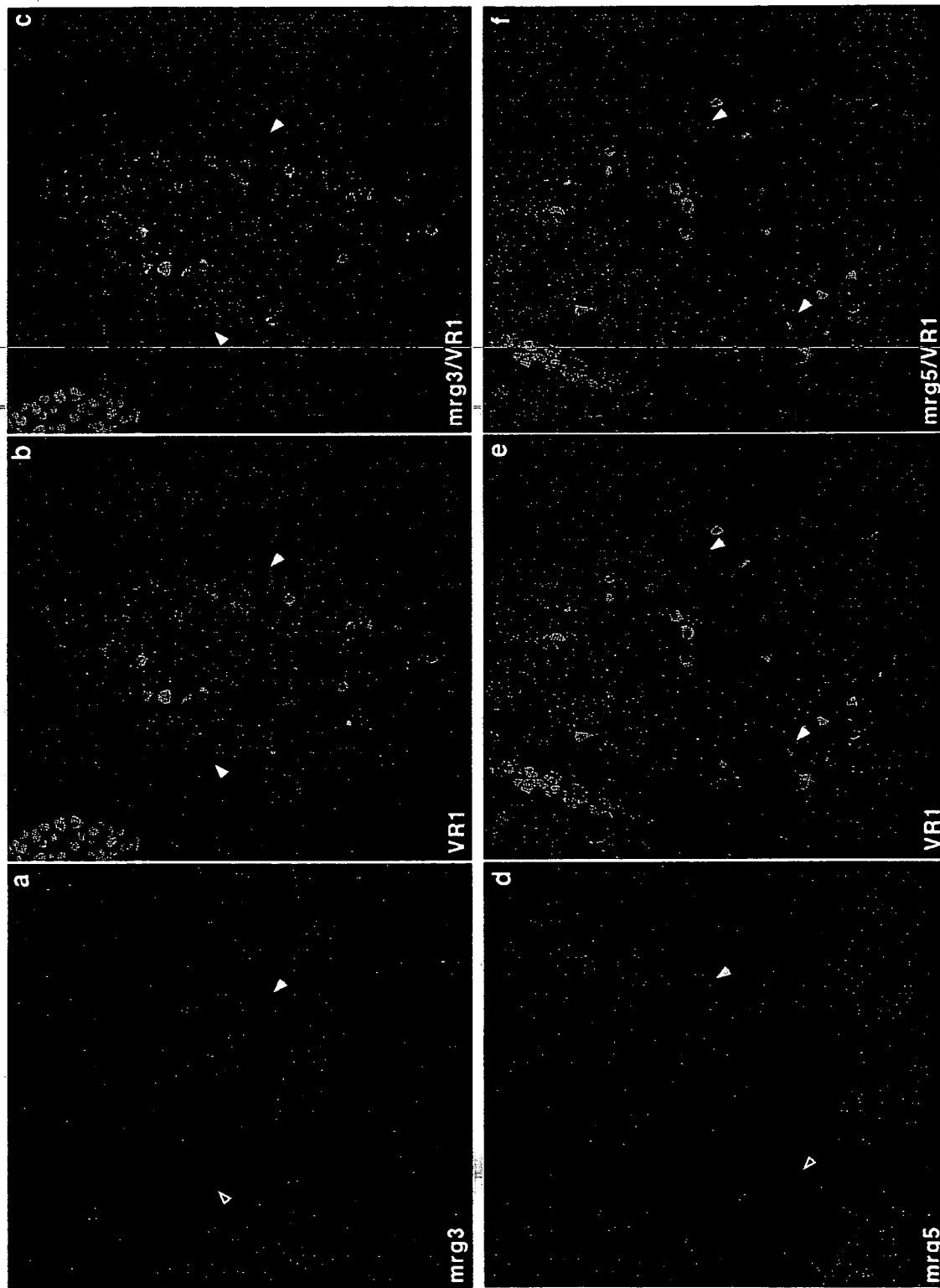


FIG 2D

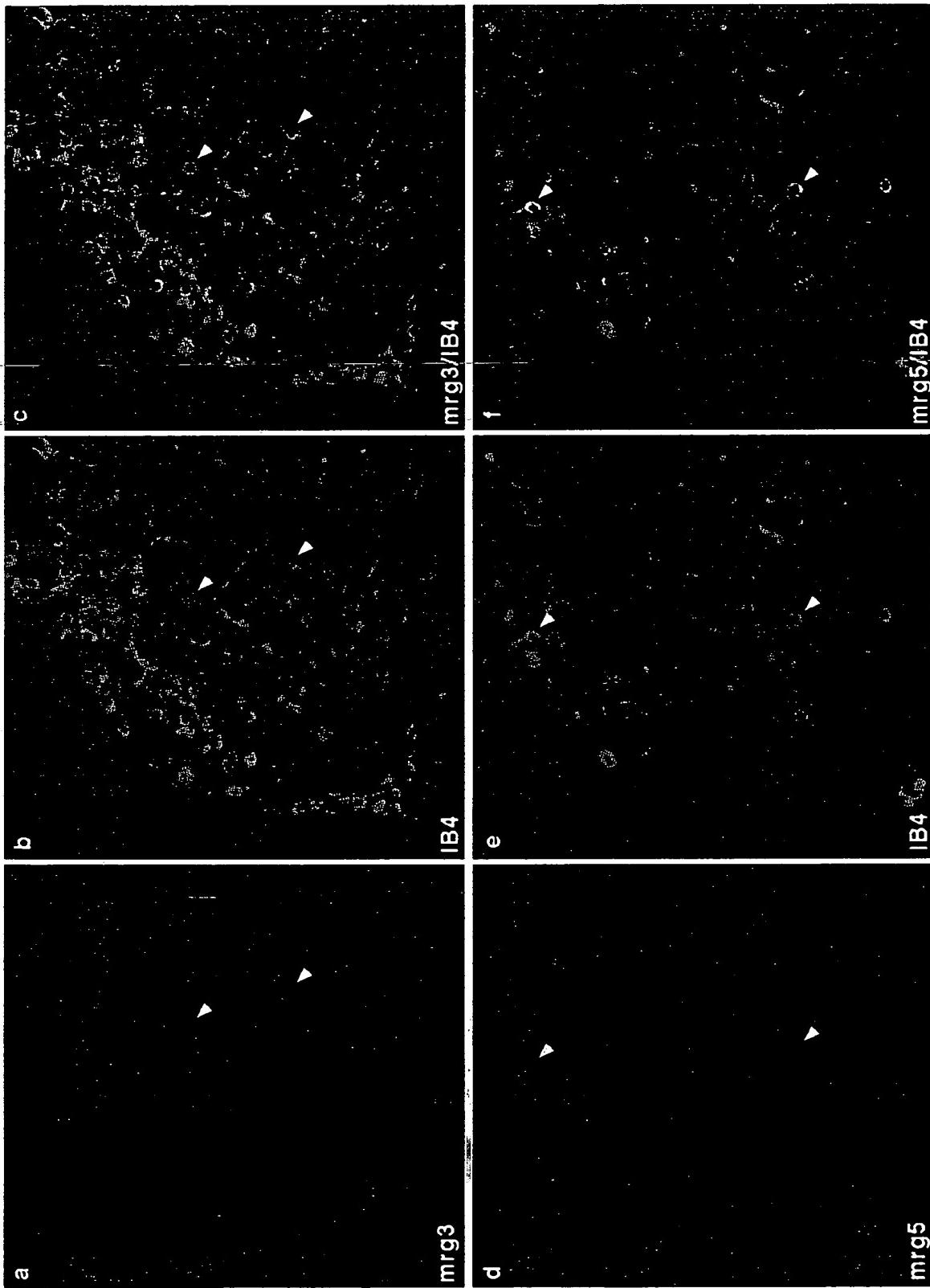
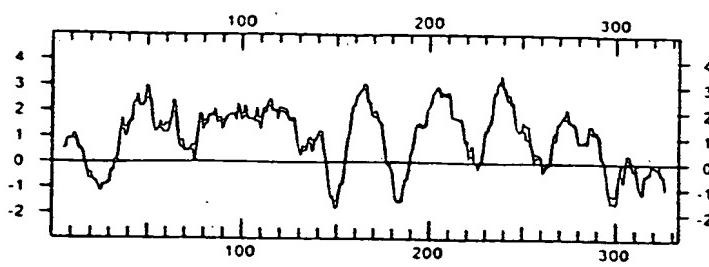


Figure 3

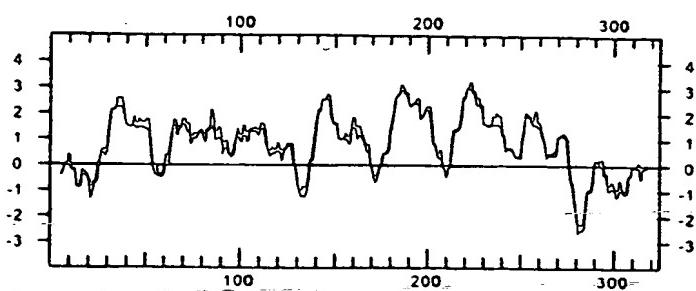
A

*mrg3*



B

*human1*



C

*human2*

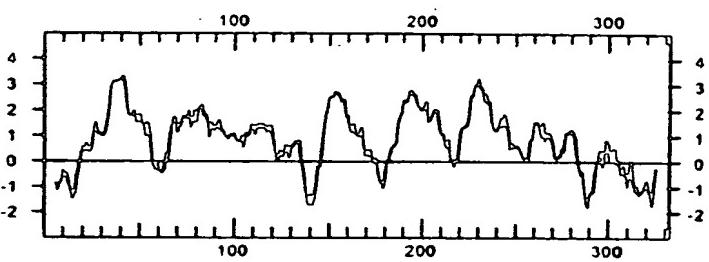
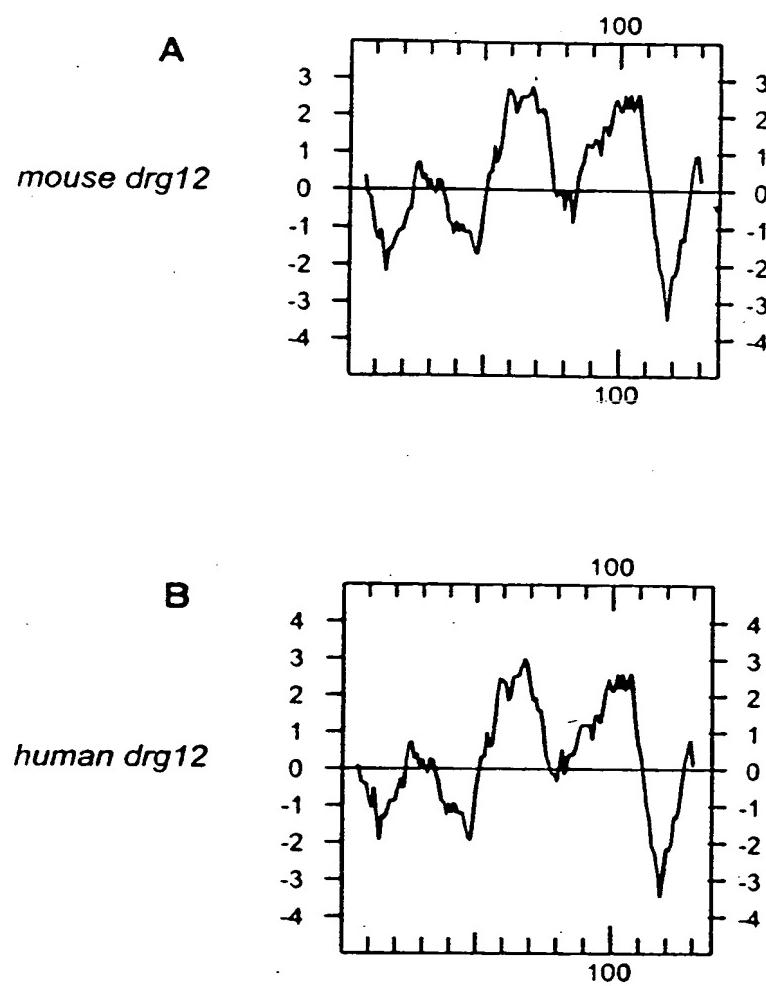
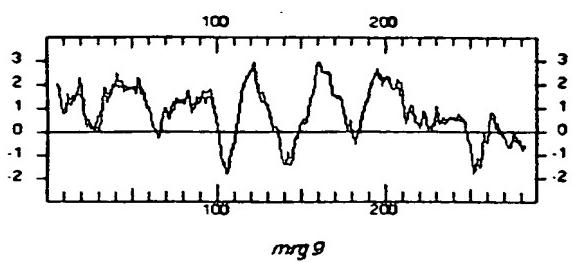
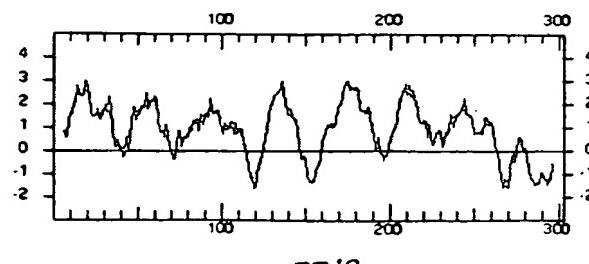


Figure 4

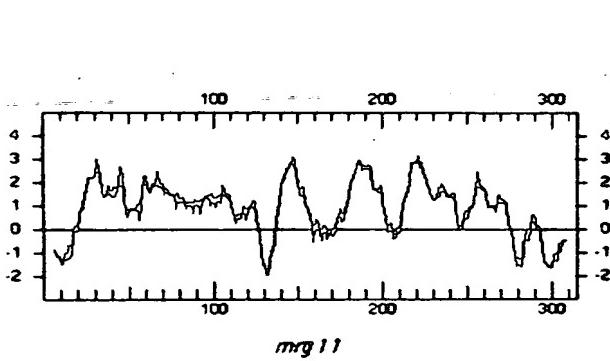




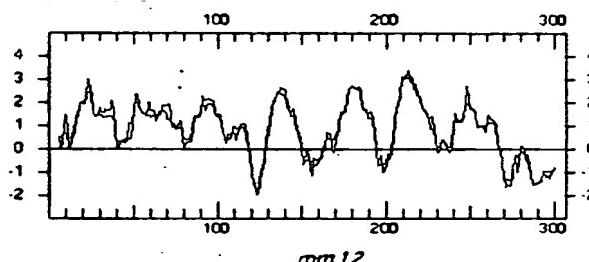
mrg 9



mrg 10



mrg 11



mrg 12

FIG. 5

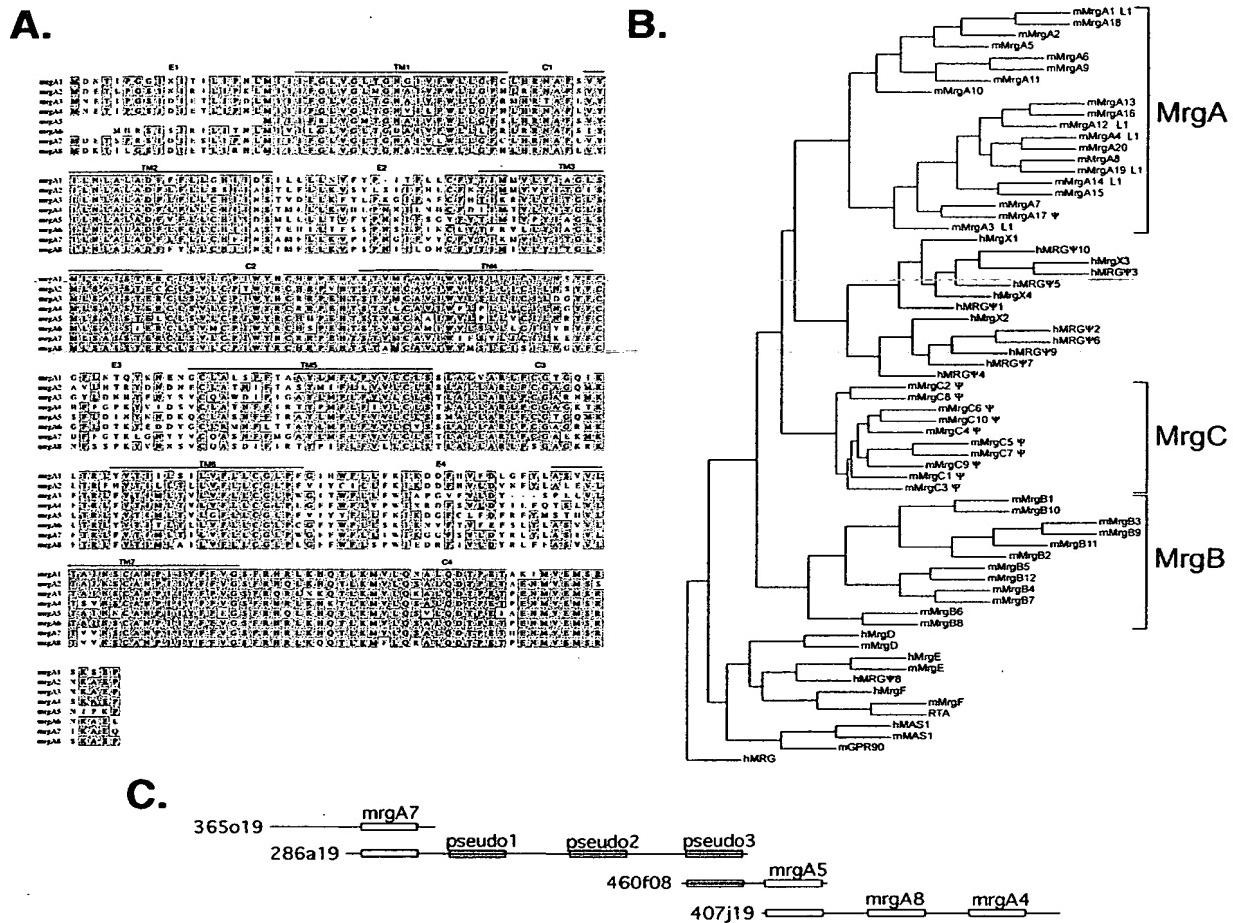


FIG 6

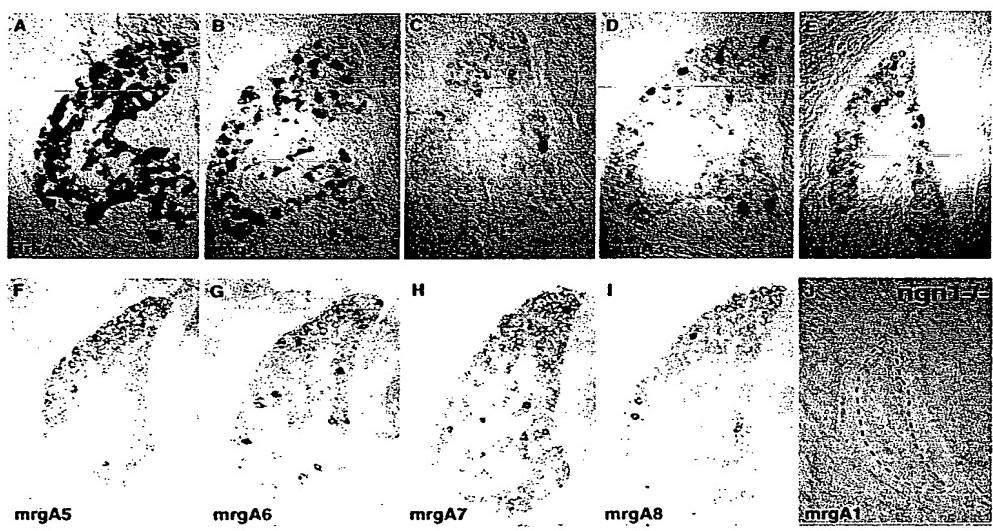


FIG 7

FIG 8

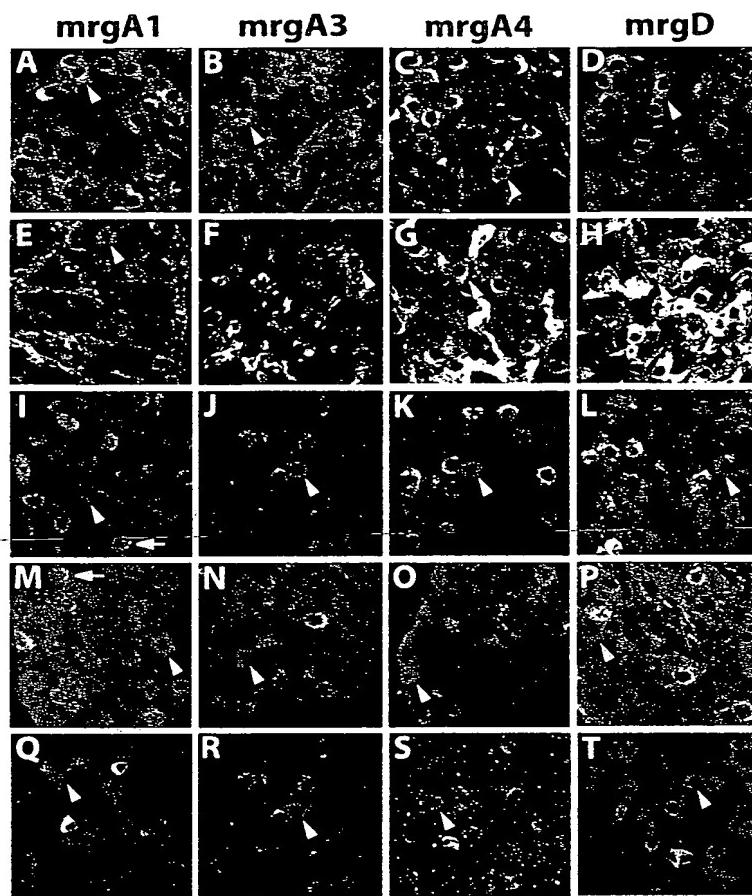
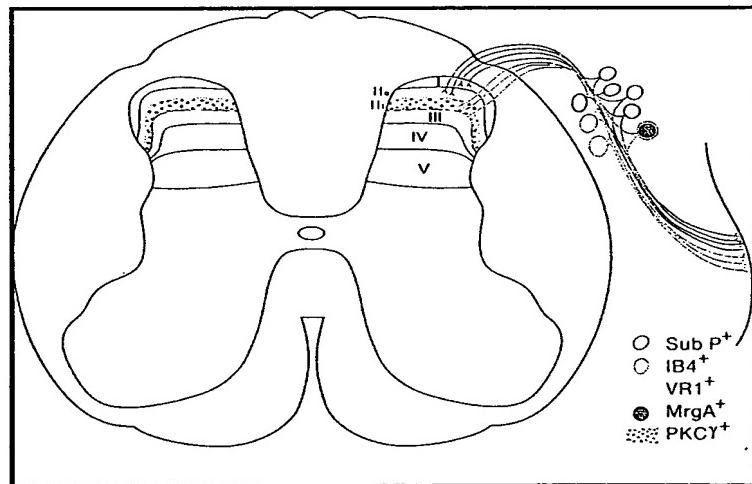


FIG 9



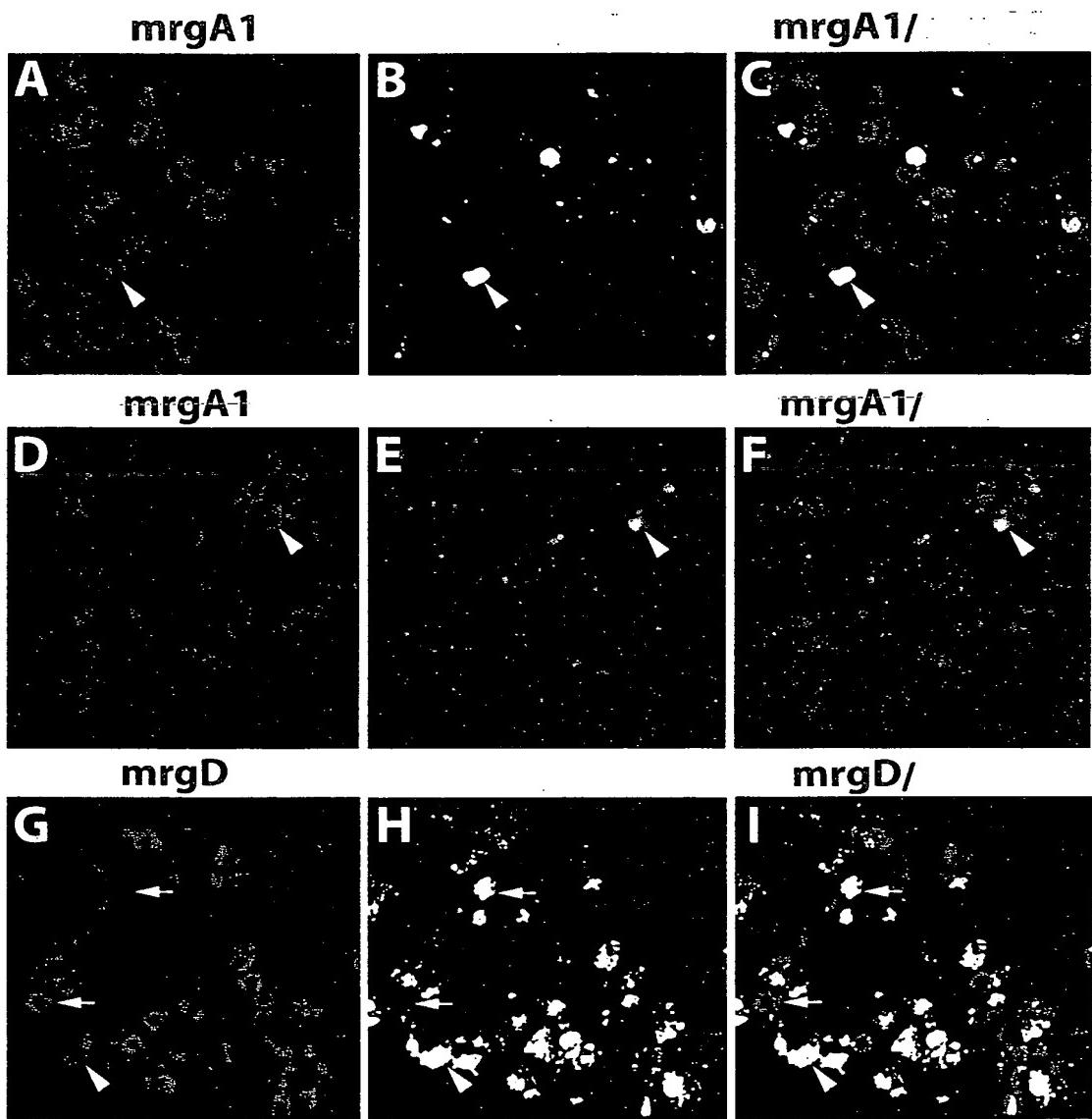


FIG 10

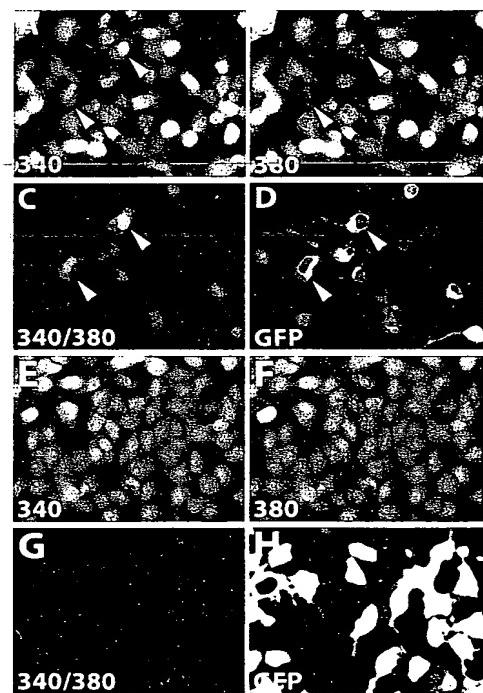


FIG 11

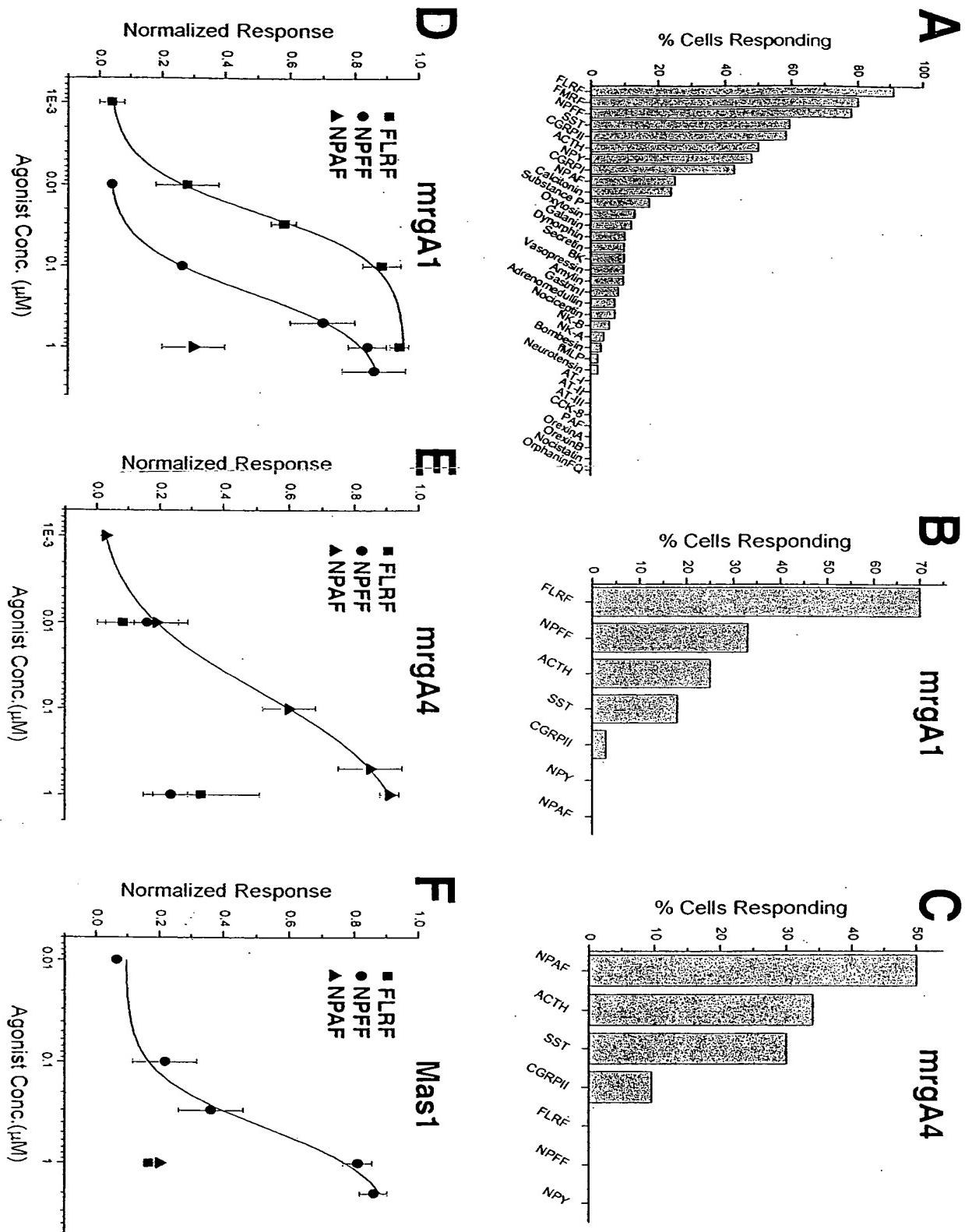


FIG 12

# mMrgB1

Anterior/Head

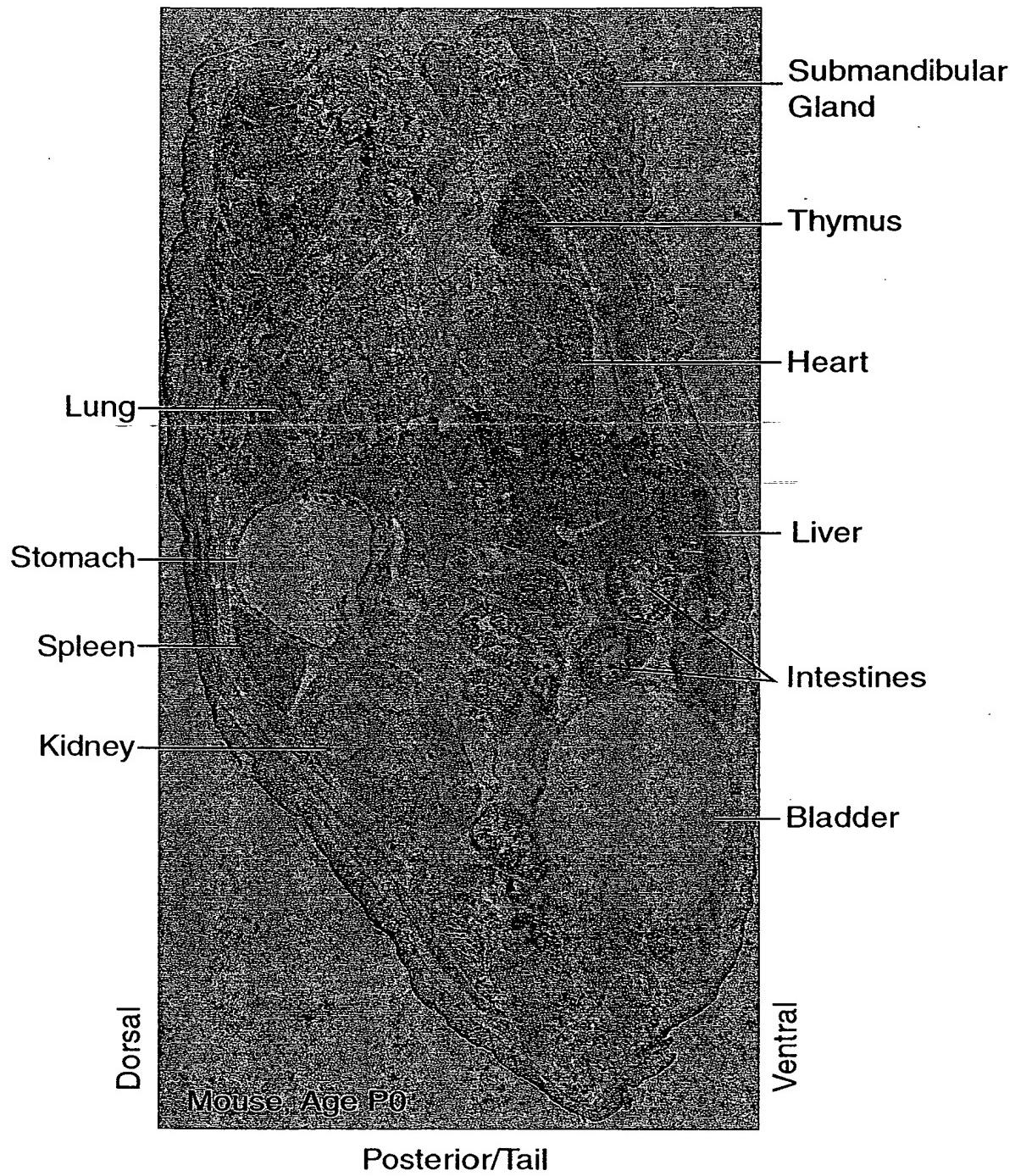


FIG 13

**mMrgB1**



**FIG 14**

## mMrgD in Adult DRG

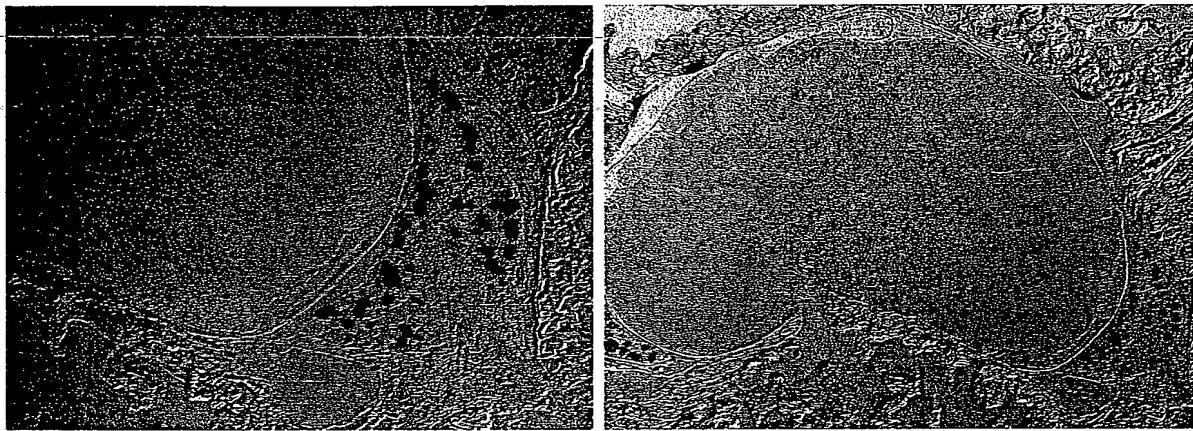


FIG 15